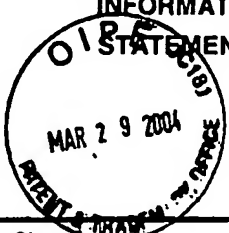
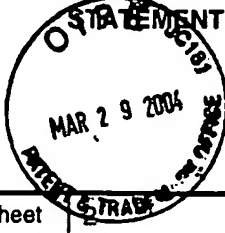
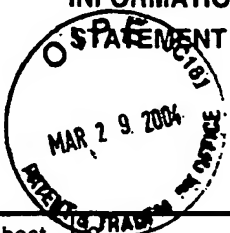


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		Group Art Unit		1651 1652				
		Examiner Name		Unknown W. Moore				
Sheet	1	of	3	Attorney Docket Number		AND541/4-007US/58011		
NON-PATENT LITERATURE DOCUMENTS								
WMM	C1	AN, B., AND DOU, Q. P. (1996). Cleavage of retinoblastoma protein during apoptosis: an interleukin 1 beta-converting enzyme-like protease as candidate. <i>Cancer Res.</i> 56, 438-442.						
	C2	BABICHUK, C.K., DUGGAN, B.L., AND BLEACKLEY, R.C. (1996). In vivo regulation of murine granzyme B gene transcription in activated primary T cells. <i>J. Biol. Chem.</i> 271, 16485-16493.						
	C3	BERTHOU, C., et al. (1995). Granzyme B and perforin lytic proteins are expressed in CD34 ⁺ peripheral blood progenitor cells mobilized by chemotherapy and granulocyte colony-stimulating factor. <i>Blood</i> 86, 3500-3506.						
	C4	BERTHOU, C., et al. (1997). Acquisition of granzyme B and Fas ligand proteins by human keratinocytes contributes to epidermal cell defense. <i>J. Immunol.</i> 159, 5293-5300.						
	C5	BRUNO, A.P., et al. (2000). Acute myeloblastic leukemic cells acquire cellular cytotoxicity under genotoxic stress: implication of granzyme B and perforin. <i>Blood</i> 96, 1914-1920.						
	C6	CHEN, P.L., et al. (1992). Stability of retinoblastoma gene expression determines the tumorigenicity of reconstituted retinoblastoma cells. <i>Cell Growth Differ.</i> 3, 119-125.						
	C7	CHEN, W.D., et al. (1997). Apoptosis is associated with cleavage of a 5-kDa fragment from RB which mimics dephosphorylation and modulates E2F binding. <i>Oncogene</i> 14, 1243-1248.						
	C8	CORDON-CARDO, C., AND RICHON, V.M. (1994). Expression of the retinoblastoma protein is regulated in normal human tissues. <i>Am. J. Pathol.</i> 144, 500-510.						
	C9	DYSON, N. (1998). The regulation of E2F by pRB-family proteins. <i>Genes Dev.</i> 12: 2245-2262.						
	C10	FATTMAN, C.L., et al. (1998). p53-independent dephosphorylation and cleavage of retinoblastoma protein during tamoxifen-induced apoptosis in human breast carcinoma cells. <i>Cancer Letters</i> 130, 103-113.						
	C11	GRAUBERT, T.A., et al. (1997). Perforin/granzyme-dependent and independent mechanisms are both important for the development of graft-versus-host disease after murine bone marrow transplantation. <i>J. Clin. Invest.</i> 100, 904-911.						
↓	C12	HAAS-KOGAN, D.A., et al. (1995). Inhibition of apoptosis by the retinoblastoma gene product. <i>EMBO J.</i> 14, 461-472.						
WMM	C13	HEUSEL, J.W., et al. (1994). Cytotoxic lymphocytes require granzyme B for the rapid induction of DNA fragmentation and apoptosis in allogeneic target cells. <i>Cell</i> 76, 977-987.						
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NON-PATENT LITERATURE DOCUMENTS					
Wm	C14	HIRST, C.E., et al. Perforin-independent expression of granzyme B and proteinase inhibitor 9 in human testis and placenta suggests a role for granzyme B-mediated proteolysis in reproduction. Molecular Human Reproduction, 7:1133-1142, 2001.			
	C15	HOFMANN, F., et al. (1996). The retinoblastoma gene product protects E2F-1 from degradation by the ubiquitin-proteasome pathway. Genes Dev. 10, 2949-2959.			
	C16	HU, SX, et al. (2003) Expression of endogenous granzyme B in a subset of human primary breast carcinomas. Br. J. Can. 89(1):135-9.			
	C17	HUANG, H.J., et al. (1988). Suppression of the neoplastic phenotype by replacement of the <i>RB</i> gene in human cancer cells. Science 242, 1563-1566.			
	C18	KENNEA, NL, and MEHMET, H.J (2002) Neural stem cells, Pathol., 197(4):536-50.			
	C19	KLEIN, J.L., et al. (1989). Genomic organization and chromosomal assignment for a serine protease gene (CSPB) expressed by human cytotoxic lymphocytes. Genomics 5, 110-117.			
	C20	KONTANI, K., et al. (2001). Involvement of granzyme B and perforin in suppressing nodal metastasis of cancer cells in breast and lung cancers. Eur. J. Surg. Oncol. 27,180-186.			
	C21	KREK, W., et al. (1995). Cyclin A-kinase regulation of E2F-1 DNA binding function underlies suppression of an S phase checkpoint. Cell, 83: 1149-1158.			
	C22	LOBE, C.G., et al. (1986). Novel serine proteases encoded by two cytotoxic T lymphocyte-specific genes. Science 232, 858-861.			
	C23	MOTYKA, B., et al. (2000) Mannose 6-phosphate/insulin-like growth factor II receptor is a death receptor for granzyme B during cytotoxic T cell-induced apoptosis. Cell 103, 491-500.			
	C24	OGURA, Y., et al. (2001). Apoptosis and allograft rejection in the absence of CD8 ⁺ T cells. Transplantation 71, 1827-1834.			
	C25	PINKOSKI, M. J., et al. (2000). Nuclear translocation of granzyme B in target cell apoptosis. Cell Death Differ. 7, 17-24.			
✓	C26	QIN, X.Q., et al. (1992). Identification of a growth suppression domain within the retinoblastoma gene product. Genes Dev. 6, 953-964.			
Wm	C27	ROMANO, G., et al. (2000) Latest Developments in Gene Transfer Technology: Achievements, Perspectives, and Controversies over Therapeutic Applications Stem Cells 18: 19-39.			
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<i>WMM</i>	C28	SCHMID, J., and WEISSMANN, C. (1987) Induction of mRNA for a serine protease and a β -thromboglobulin-like protein in mitogen-stimulated human leukocytes. J. Immunol. 139, 250-256.			
	C29	SHAN, B., et al. (1996). The molecular basis of E2F-1/DP-1-induced S-phase entry and apoptosis. Cell Growth Differ. 7, 689-697.			
	C30	SHI, L., et al. (1997). Granzyme B (GraB) autonomously crosses the cell membrane and perforin initiates apoptosis and GraB nuclear localization. J. Exp. Med. 185, 855-866.			
	C31	SHRESTA, S., et al. (1997). Mechanisms responsible for granzyme B-independent cytotoxicity. Blood 89, 4085-4091.			
	C32	SUN, J., et al. (2001). Importance of the P4' residue in human granzyme B inhibitors and substrates revealed by scanning mutagenesis of the proteinase inhibitor 9 reactive center loop. J. Biol. Chem. 276, 15177-15184.			
	C33	TAN, X., et al. (1997). Degradation of retinoblastoma protein in tumor necrosis factor and CD95-induced cell death. J. Biol. Chem. 272, 9613-9616.			
	C34	TRAPANI, J. A., et al. (1996). Localization of granzyme B in the nucleus. A putative role in the mechanism of cytotoxic lymphocyte-mediated apoptosis. J. Biol. Chem. 271, 4127-4133.			
	C35	WARGNIER, A., et al. (1995). Identification of human granzyme B promoter regulatory elements interacting with activated T-cell-specific proteins: implication of Ikaros and CBF binding sites in promoter activation. Proc. Natl. Acad. Sci. U. S. A. 92, 6930-6934.			
	C36	XU, H. -J. (1995). Altered retinoblastoma (RB) protein expression in human malignancies. Adv. Anat. Pathol. 2, 213-226.			
	C37	XU, H.-J., et al. (1997). Reexpression of retinoblastoma protein induces tumor cell senescence and telomerase inhibition. Oncogene 15, 2589-2596.			
	C38	YANG, X., et al, (1998). Granzyme B mimics apical caspases. Description of a unified pathway for trans-activation of executioner caspase-3 and -7. J. Biol. Chem. 273, 34278-34283.			
<i>↓</i>	C39	YASUKAWA, M., et al. (2000). Granule exocytosis, and not the Fas/Fas ligand system, is the main pathway of cytotoxicity mediated by alloantigen-specific CD4(+) as well as CD8(+) cytotoxic T lymphocytes in humans. Blood 95, 2352-2355.			
<i>WMM</i>	C40	ZHOU, Y., et al. (1994). Further characterization of retinoblastoma gene-mediated cell growth and tumor suppression in human cancer cells. Proc. Natl. Acad. Sci. U. S. A. 91, 4165-4169.			
Examiner Signature		<i>William W. Moore</i>		Date Considered	<i>28 February 2005</i>